

CLAIM AMENDMENTS

1 Claim 1. (Currently Amended) A mine-detonation-
2 resistant understructure for a vehicle body, comprising:

3 an inwardly bend a one-piece armoring bottom plate bent
4 inwardly toward the interior of the body and mounted [[on]] in
5 said body, extending over the entire floor thereof and juxtaposed
6 with the ground, said bottom plate being [[and]] formed in a
7 longitudinal direction of the vehicle with at least one bending
8 edge extending in a longitudinal direction of said body;

9 a floorboard spaced above said bottom plate by a distance
10 sufficient to avoid contact with said plate upon mine-blast
11 buckling of said bottom plate and mounted on said body [[with]]
12 without a direct connection with said bottom plate; and

13 a deformation free space formed between said bottom plate
14 and said floorboard of a height sufficient to permit inward
15 buckling of said bottom plate under a mine detonation without
16 contact of said bottom plate with said floorboard.

1 Claim 2 (Original) The mine-detonation resistant
2 understructure defined in claim 1 wherein said floorboard is formed
3 at least in part of a material providing fragment trapping
4 properties thereto.

1 Claim 3 (Original) The mine-detonation resistant
2 understructure defined in claim 2 wherein said floorboard is
3 provided with a fragment trapping carpet of a flexible high
4 strength material to prevent incursion fragments into the interior
5 of said body.

1 Claim 4 (Original) The mine-detonation resistant
2 understructure defined in claim 3 wherein said carpet is composed
3 of a plurality of layers of an aramide fabric.

1 Claim 5 (Original) The mine-detonation resistant
2 understructure defined in claim 3 wherein said carpet is secured to
3 said floorboard only at edge regions thereof.

1 Claim 6 (Original) The mine-detonation resistant
2 understructure defined in claim 2 wherein said floorboard is
3 provided with a slip-resistant material along an upper surface
4 thereof.

1 Claim 7 (Original) The mine-detonation resistant
2 understructure defined in claim 6 wherein said slip-resistant
3 material is a rubber layer.

1 Claim 8 (Original) The mine-detonation resistant
2 understructure defined in claim 1 wherein said floorboard is
3 mounted in said body so as to be easily dismountable.

1 Claim 9 (Original) The mine-detonation resistant
2 understructure defined in claim 8 wherein said floorboard is
3 attached to side walls of said body by screws.

1 Claim 10 (Original) The mine-detonation resistant
2 understructure defined in claim 1, further comprising modular armor
3 plates mounted along an underside of said bottom plate.

1 Claim 11 (Original) The mine-detonation resistant
2 understructure defined in claim 10 wherein guide rails are provided
3 along edges of said bottom plate to receive said modular armoring
4 plates.

1 Claim 12. (Original) The mine-detonation resistant
2 understructure defined in claim 11, further comprising connecting
3 strips in the form of rails between individual modular armor
4 plates.

1 Claim 13 (currently amended) The mine-detonation
2 resistant understructure defined in claim 12, further comprising
3 A mine-detonation-resistant understructure for a vehicle
4 body, comprising:

5 an armoring bottom plate bent inwardly into said body,
6 mounted on said body in juxtaposition with the ground and formed in
7 a longitudinal direction of the vehicle with at least one bending
8 edge;

9 a floorboard spaced above said bottom plate and mounted
10 on said body without a direct connection with said bottom plate;

11 a deformation free space formed between said bottom plate
12 and said floorboard of a height sufficient to permit inward
13 buckling of said bottom plate under a mine detonation without
14 contact of said bottom plate with said floorboard;

15 modular armor plates mounted along an underside of said
16 bottom plate;

17 guide rails being provided along edges of said bottom
18 plate to receive said modular armoring plates;

19 connecting strips in the form of rails between individual
20 modular armor plates; and

 pins engaging into edge regions of said armor plates and
 into said connecting strips and said guide rails.

1 Claim 14 (Original) The mine-detonation resistant
2 understructure defined in claim 13 wherein said armor plates and
3 said strips and rails have aligned holes to receive said pins.

1 Claim 15 (Original) The mine-detonation resistant
2 understructure defined in claim 14 wherein at least some of said
3 pins are screws threaded into the distal sides of the guide rails
4 and connecting strips.

1 Claim 16 (Original) The mine-detonation resistant
2 understructure defined in claim 14 wherein said pins are composed
3 of high strength material.

Claim 17 (Original) The mine-detonation resistant
understructure defined in claim 14 wherein said pins are fixed by
screw thread devices in holes in said armor plates, said strips or
said rails.